



PIN	FUNCTION	COLOR
1	MOTOR U	YELLOW
2	MOTOR V	RED
3	MOTOR W	BLACK(18AWG)
4	Brake	BLACK(24AWG)
5	Brake	BLACK(24AWG)
6	NC	NC
*	MOTOR PE	YELLOW/GREEN



M17 7PIN

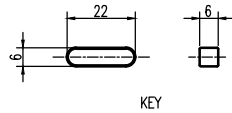
Power Connector

PIN	FUNCTION	COLOR	PIN	FUNCTION	COLOR
1	VCC +5V	WHITE	10	GND	BROWN
2	GND	BLACK(28AWG)	11	NC	NC
3	NC	NC	12	NC	NC
4	NC	NC	13	Shield	Shield
5	NC	NC	14	NC	NC
6	NC	NC	15	NC	NC
7	KTY(+)	RED	16	SD	BLUE
8	KTY(-)	BLACK(26AWG)	17	/SD	PURPLE
9	VB	ORANGE			

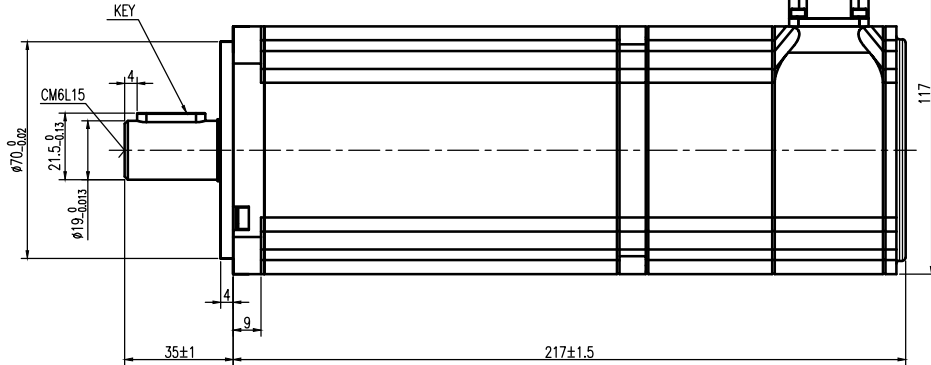


M17 17PIN

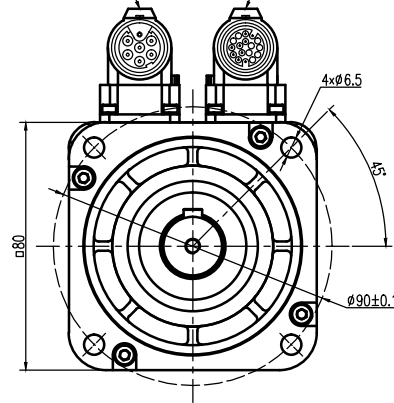
Feedback Connector



KEY



BEDC878NN0000152A000 Power Connector
AEDC874NN0000151A000 Feedback Connector


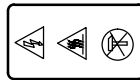
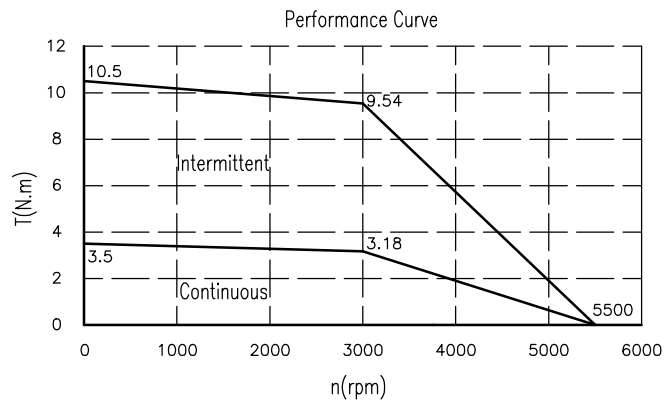


Elmo DC BRUSHLESS MOTOR
L80-1003026ABC

W 1000	V 300
A 6.2	Nm 3.18
RPM 3000	Ins F IP65

Holding brake: 24V_{DC} M=3.2Nm

MADE for Elmo by Kinavo CHINA
S/N: 307011331KYDDNINN E505281

Brake Data	
Static friction	3.2N.m
Voltage	24VDC
Power	11.5w

Technical Data		
No. of poles	6	
DC Link Voltage U _{dc} (DC Link)	300	
Rated Power P _N (W)	1000	
Rated Torque T _N (N.m)	3.18	
Rated Speed n _N (rpm)	3000	
Rated Current I _N (A)	6.2	
Maximum torque T _m (N.m)	9.54	
Maximum Current I _m (A)	18.6	
Standstill torque T _s (N.m)	3.5	
Standstill current I _s (A)	6.82	
Resistance line-line R _L (Ω)	0.86	
Inductance line-line L _L (mH)	4.5	
Electrical time constant τ_e (ms)	5.23	
Mechanical time constant τ_m (ms)	0.86	
Voltage constant K _v (V/krpm)	34	
Torque constant K _t (Nm/A)	0.562	
Rotor moment of inertia J _m (Kg.cm ²)	1.862	
Max. voltage rising du/dt(KV/ μ s)	8	
Insulation class	F	
Max. radial force F _r (N)	335	
Max. axial force F _a (N)	167.5	
Weight(Kg)	4.6	
Feed back device	MAR-H50A-HN20	
Temperature sensor	KTY84-130	
Cooling method	Totally enclosed non-ventilated	
protection level	IP65,shaft sealing IP54	
Environmental conditions	Temperature	-20 $^{\circ}$ C~40 $^{\circ}$ C
	Humidity	Below 90%RH (No dewing)
	Environment	Far away active gas,combustible gas,oil drop,ash.
Rating conditions	Installation altitude	UP TO 1000m:rated power, above 1000m:1.5% power decreasing per 100m,max.4000m
	Mounting	Aluminum flange 255x255x6mm
	Temperature	60K housing temperature ring at 40 $^{\circ}$ C ambient

REV	Description of Change	REV	ECN NO.	DRN	APP'D	DATE	DESIGN	DATE	P/N.
V2.0	Change in DC bus voltage Add the wires gage for all wires Add the cable diameter to all cables Add the sign of CE Add the sign of aganist knock lable						VJL	2019-1-30	307011331SS
							ZZB	2019-1-30	Outside Drawing
							SL	2019-1-30	L80-1003026ABC
									DWG NO.
									REV V2.0
									ELMO MOTOR